

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE
COMMODITY STABILIZATION SERVICE
SUGAR DIVISION

WASHINGTON, D.C.

AUGUST 1960

NO. 100

CONTENTS

PAGES

| | |
|--|--------------------|
| 1. MARKET REVIEW | 2 - 3 |
| 2. (a) ACTIONS RELATING TO SUGAR SUPPLIES-- Continuation of Sequence Following Sugar Act Amendment of July 6, 1960 | 4 - 11 |
| (b) OTHER ADMINISTRATIVE ACTIONS | 12 |
| 3. PRIMARY DISTRIBUTION OF SUGAR IN PACKAGES AND BULK GRANULATED AND LIQUID, 1957-1959 | 13 - 19 |
| 4. STATISTICAL SERIES | 20 - 31 |
| (a) Highlights | 20 |
| (b) Supply and Disposition Summary: January-June, 1960 | 21 |
| (c) Disposition and stocks: January-July, 1960 and 1959 | 22 |
| (d) Mainland Production and Quota Charges: January-June, 1960 and 1959 | 23 |
| (e) Refiners and Importers receipts by Source of Supply: January-June, 1960 and 1959 | 24 |
| (f) Quota and Quota Charges: to August 12, 1960 to end July 1960 and 1959 | 24 - 25 26 |
| (g) Deliveries by States: June 1960 and second quarter 1960 to end June 1960 and 1959 | 27 - 28 29 - 30 |
| (h) Sugar Prices by Areas | 31 |
| (i) Refined sugar production and stocks | 31 |

MARKET REVIEW

Actions announced on August 1 and 2 increased 1960 quotas and non-quota purchase authorizations by a total of 185,164 short tons, raw value, from the levels prevailing at the time of the preceding review. Within the new total requirements of 10,400,000 tons, 235,900 tons were not apportioned and 321,857 tons apportioned to the Dominican Republic were not authorized for purchase up to August 25. The total of quotas and non-quota purchase authorizations amounted to 9,842,243 tons compared with total initial 1960 quotas of 9,400,000 tons which were first amended by other actions on July 6.

The August increases in quotas and non-quota purchase authorizations included increases in direct-consumption limits totalling 15,069 tons. Thus the net increase in availability of raw sugar to Atlantic and Gulf refiners is at least 170,095 tons. Quotas for domestic areas were unchanged, except for increases of 1,407 and 6,097 tons in the direct consumption limits for Hawaii and Puerto Rico, respectively.

The New York spot price for raw sugar in bags, duty added, was 6.40 cents per pound from August 5 through August 22, having declined gradually, July 22 - August 4, from the 6.70 cents three day high for the year. For August 23 through 25 the spot price was 6.55 cents. No refined price changes have been announced since the wave of increases effective in July reported in detail in the July review.

Refiners' stocks of 765,000 tons on July 31, 1960 were more than 100,000 tons larger than a year earlier, despite July deliveries about 100,000 tons larger than in 1959. In August new authorizations were issued for entry of specific cargoes of offshore raw sugar at about the same rate as that of refiners' distribution during the first two weeks of the month, indicating maintenance of the high stocks level.

Sugar deliveries by primary distributors in 1960 through July totaled about 5,431,000 tons, exceeding those of 1959 by about 257,000 tons. Refiners, alone, accounted for 226,000 tons of the excess over the 1959 rate. Distribution during the first three weeks of August was about 80,000 tons smaller than a year ago, of which 50,000 tons applied to refiners' deliveries. Beet sugar deliveries for the year through the first three weeks of August were about 60,000 tons greater than to the

comparable week-end in 1959 after having been ahead of 1959 deliveries by 75,000 tons at the end of July.

In the first seven months of 1960 importers' deliveries were about 50,000 tons smaller than for the same months of 1959. Stocks held by importers of direct consumption sugar at the end of July 1960 were about 40,000 tons less than for that date last year. However, receipts during August-December 1960 are expected to be 80,000 tons more than for the same period last year and consequently 40,000 tons more would be available for delivery during the last five months of 1960 than a year earlier. About 10,000 tons of this additional availability is Philippine direct consumption sugar that is customarily distributed on the West Coast.

The spot prices for world raw sugar for the last market day in July and the first two in August were 3.40 cents, a level not attained since January 2 and 5, 1959. In the interval, monthly averages had ranged between 2.66 and 3.11 cents except for January 1959 (3.26 cents) and July 1960 (3.25 cents). Beginning August 3 the price slowly declined reaching 3.28 cents on August 17, where it remained through August 24. On August 25 it was 3.26 cents. The quotation for October futures was 3.02 cents on August 22 while the March 1961 contract quotation was 3.05 cents.

By August 3, the spot price for world sugar had remained at and above 3.25 cents f.a.s. Cuba for the required 17 days, and in accordance with the resolution adopted by the International Sugar Council, the quotas were increased as of August 3 to 105 percent of basic export tonnages. As a result, available supplies were increased by 326,600 metric tons. A major portion of the increase goes to Cuba and makes more attainable their announced intention to sell all stocks in 1960, except the obligatory reserve under the International Sugar Agreement of about 290,000 metric tons. If the prevailing price falls below 3.25 cents for the required 17 consecutive days, the quotas would be automatically cut 2-1/2 percent and the Council required to meet in 7 days to consider whether a further cut is desirable.

The optimistic reports on the condition of sugar beets in Europe continue. In fact expectations of larger sugar crops extend to all parts of the world except Argentina. Several cane producing countries left uncut cane in the field at the end of the last processing season, as has been true for several years, adding to the possibilities for increasing 1961 harvests.

ACTIONS RELATING TO SUGAR SUPPLIES --
Continuation of Sequence following Sugar Act
Amendment of July 6, 1960

Amendment to the Sugar Act, Proclamation by the President, and subsequent actions relating to sugar supplies through July 21, 1960 are covered in the July 1960 issue of SUGAR REPORTS, No. 99.

Since then two such actions have been taken:

August 1, 1960 -- Increase in 1960 total Sugar Requirements to 10,400,000 short tons, raw value; Federal Register August 5, 1960.

August 2, 1960 -- Increases Authorized Quantity of Non-Quota Sugar Purchases; Federal Register August 5, 1960.

Press releases announcing these actions, together with two tables detailing the progression of 1960 sugar quota and non-quota purchase quantities from initial quotas effective January through the announcement of August 2 follow:

A. Increase in Determination of Total Sugar Requirements (August 1, 1960)

The U.S. Department of Agriculture today announced an increase of 400,000 tons in the estimate of total sugar requirements for 1960, from 10 million to 10.4 million tons.

The Statement of Bases and Considerations for this action follows:

"Sugar refiners in the northeast on July 22 announced a price increase to become effective immediately, which raised wholesale refined sugar prices from 9.40 to 9.70 cents per pound. This action followed an announcement on July 15 which raised the price from 9.20 to 9.40 cents per pound effective as of July 5.

"Increases also have been announced for refined sugar in other marketing areas. The price in New York is now at the highest level since

1923. A substantial quantity of raw sugar estimated at about 200,000 tons was purchased by refiners between July 23 and July 27 at prices ranging between 6.65 and 6.75 cents per pound. This represents the highest price for raw sugar since June 1951 and with the exception of a few days, it, too, is the highest price since 1923.

"On July 15, the determination of consumers' sugar requirements was increased from 9.6 million to 10 million tons and in a July 21 action, an additional 617,385 tons of non-quota purchase sugar was allocated to 17 countries, making the total of such sugar now available and allocated 754,619 tons.

"Apparently, the demand for sugar has accelerated to the point where supplies can be obtained only at increasing prices. Accordingly, to protect the welfare of consumers, the determination of consumers' sugar requirements is hereby increased to 10.4 million tons."

The new quotas and quantities that may be brought in for direct consumption are shown in the following table:

1960 SUGAR QUOTAS AND "D.C. LIMITS"

| Area and country | Increase in quotas | New quotas | Direct-consumption limits |
|--------------------------------|-------------------------|-----------------------|------------------------------|
| | (short tons, raw value) | | |
| Domestic beet sugar | 0 | 2,514,945 | no limit |
| Mainland cane sugar | 0 | 773,873 | no limit |
| Hawaii | 0 | 940,444 $\frac{1}{2}$ | 35,623 |
| Puerto Rico | 0 | 893,620 $\frac{1}{2}$ | 154,403 |
| Virgin Islands | 0 | 8,618 $\frac{1}{2}$ | 0 |
| Republic of the Philippines | 0 | 980,000 | 59,920 |
| Peru | 17,320 | 138,827 | 11,431 |
| Dominican Republic | 19,800 | 130,957 | 10,191 |
| Mexico | 20,400 | 115,809 | 18,511 |
| Nicaragua | 2,295 | 19,766 | 12,207 |
| Haiti | 837 | 9,105 | 7,000 |
| Netherlands | 278 | 4,427 | 4,427 |
| China | 238 | 4,218 | 4,218 |

1960 SUGAR QUOTAS AND "D.C. LIMITS" cont'd.

| Area and country | Increase in quotas | New quotas | Direct-consumption limits |
|-------------------------|-----------------------|---------------|------------------------------|
| (short tons, raw value) | | | |
| Panama | 238 | 4,218 | 4,218 |
| Costa Rica | 234 | 4,202 | 4,202 |
| Canada | 0 | 631 | 631 |
| United Kingdom | 0 | 516 | 516 |
| Belgium | 0 | 182 | 182 |
| British Guiana | 0 | 84 | 84 |
| Hong Kong | 0 | 3 | 3 |
| All other countries | 0 | 0 | 0 |

1/ Despite declaration of deficits, the full quotas of 1,265,375, 1,323,111, and 18,043 short tons, raw value, for Hawaii, Puerto Rico, and the Virgin Islands, respectively, are available to these areas.

B. Increases Authorized Quantity of Non-Quota Sugar Purchases
(August 2, 1960)

The U.S. Department of Agriculture announced today that the Secretary, with the concurrence of the Secretary of State, has authorized the purchase of an additional 123,524 tons of non-quota sugar from 3 countries during 1960. On July 14 and July 21, 1960 (press releases USDA 2033-60, 2111-60), the USDA authorized purchases totaling 754,619 tons of non-quota sugar from 17 countries. With today's increase, a total of 878,143 tons of non-quota sugar has been authorized for purchase during 1960.

The "Statement of Findings and Bases and Considerations" for today's action follows:

"Pursuant to the Sugar Act of 1948, as amended, and further amended by P.L. 86-592, approved July 6, 1960, the President's Proclamation 3355 (25 F.R. 6414) the purchase of 754,619 short tons, raw value, of non-quota purchase sugar from other foreign countries has been authorized (25 F.R. 6873, 7091).

"Sugar Regulation 811, Amendment 4 (25 F.R.) increased the determination of consumers' sugar requirements to 10,400,000 short tons, raw value. The quantity of non-quota sugar which may now be authorized for purchase under Sec. 408(b) and the President's Proclamation is 1,435,900 short tons, raw value.

"It is hereby found that the quantity of sugar /non-quota/ authorized for purchase should be increased at this time from 754,619 short tons, raw value, to 878,143 short tons, raw value.

"Of this latter amount, a total of 51,479 short tons, raw value, has been authorized for purchase from Haiti, Netherlands, China, Panama and Costa Rica under subparagraphs (i) and (iii) of Sec. 408(b)(2). A quantity of 176,426 short tons, raw value, has been authorized for purchase from the Republic of the Philippines under subparagraph (ii) of Sec. 408 (b)(2). A quantity of 445,332 short tons, raw value, from countries for which quotas have been established under Sec. 202(c) of the Act has been authorized for purchase under subparagraph (iii) of Sec. 408 (b)(2). The quantities for each of the latter group of countries have been established pro rata to the quotas for such countries under Sec. 202(c) of the Act to the extent of the ability of each such country to supply sugar. The proviso in subparagraph (iii) of Sec. 408 (b)(2) authorizes the purchase of additional sugar without regard to allocations provided for in subparagraphs (i), (ii) and (iii) of that section if additional amounts of sugar are required. Pursuant to that proviso, additional quantities have been authorized for purchase from the following countries in the amounts shown: British West Indies and British Guiana 92,559, short tons, raw value; Brazil 100,347; El Salvador 6,000; and Guatemala 6,000. Not authorized for purchase at this time is the Dominican Republic apportionment under subparagraph (iii) of Sec. 408(b)(2) of 321,857 short tons, raw value, and the remaining 235,900 short tons, raw value, which has not been apportioned.

"The regulation can be amended from time to time to increase or decrease the quantities of sugar authorized for purchase from any of the countries named if it later appears that supplies from any country will not be forthcoming in a manner that meets the requirements of this market.

"Raw sugar is not reasonably available in sufficient quantity to supply our requirements during the summer months. Accordingly, sugar testing in excess of 99 degrees polarization may be authorized for purchase

for arrival in the United States prior to September 30 from certain countries specified in § 818.4 provided that such sugar (except refined beet sugar from the Netherlands) in excess of 2,000 tons from any such specified country is to be further refined or improved in quality in the United States.

"To permit such non-quota purchase sugar to be marketed in an orderly manner it is essential that this regulation be made effective immediately. Therefore, it is hereby determined and found that compliance with the notice, procedure, and effective date requirements of the Administrative Procedure Act is unnecessary, impracticable and contrary to the public interest, and these amendments to the regulations shall become effective when published in the Federal Register."

The countries from which non-quota sugar may be purchased and the quantity authorized from each are shown in the following table, with the increases over the July 21 authorization shown in parenthesis:

| Country: | <u>Short tons, raw value</u> |
|---|------------------------------|
| Haiti | 26,567 |
| Netherlands | 6,129 |
| China (Formosa) | 6,258 |
| Panama | 6,258 |
| Costa Rica | 6,267 |
| Republic of the Philippines | 176,426 (66,671) |
| Peru | 135,000 |
| Mexico | 284,628 (34,088) |
| Nicaragua | 22,000 |
| Canada | 1,657 |
| United Kingdom | 1,355 |
| Belgium | 478 |
| Hong Kong | 8 |
| British West Indies and British Guiana | 92,765 (22,765) |
| El Salvador | 6,000 |
| Guatemala | 6,000 |
| Brazil | 100,347 |
| Total | 878,143 |

Non-quota purchase sugar is limited to raw sugar except that sugar testing in excess of 99 degrees polarization is authorized for impor-

tation into the United States prior to Sept. 30 from Mexico, Nicaragua, Panama, Costa Rica, Netherlands, Canada, United Kingdom, Belgium and Hong Kong, within the quantities established above for such countries, provided that such sugar (except refined beet sugar from the Netherlands) in excess of 2,000 tons from any such country is to be further refined or improved in quality in the United States.

Table 1.-Progression of totals of 1960 sugar quota and non-quota purchase quantities through announcement of August 2.

| Area and Country | :Initial | : | Quota Changes | | : | Non-quota purchase | | | : | Total as of August 2 |
|---|----------------|-----------|---------------|--------------|----------|--------------------|---------|---------|---|----------------------------|
| | :quotas 9.4 | :Increase | :Domestic | :Increase to | : | allocations | | | : | |
| | :million tons: | :to 9.6 | :deficits | :10.0 | :10.4 | : | : | : | : | |
| | :December 17, | :million | : | :million | :million | : | : | : | : | |
| | :1959 | :tons | : | :tons | :tons | : | : | : | : | |
| : | :July 8 | :July 13 | :July 15 | :August 1 | :July 14 | :July 21 | :Aug. 2 | : | | |
| Short tons, raw value | | | | | | | | | | |
| Domestic beet | 2,043,480 | 44,765 | 426,700 | 0 | 0 | | | | | 2,514,945 |
| Mainland cane | 628,799 | 13,774 | 131,300 | 0 | 0 | | | | | 773,873 |
| Hawaii | 1,140,462 | 24,982 | -225,000 | 0 | 0 | | | | | 940,444 1/ |
| Puerto Rico | 1,192,498 | 26,122 | -325,000 | 0 | 0 | | | | | 893,620 1/ |
| Virgin Islands | 16,261 | 357 | -8,000 | 0 | 0 | | | | | 8,618 1/ |
| Republic of the Philippines | 980,000 | 0 | | 0 | 0 | 109,755 | 66,671 | | | 1,156,426 |
| Cuba | 3,119,655 | 0 | 0 | 0 | 0 | | | | | 2,419,655 2/ |
| Other foreign countries | 278,845 | 30,820 | 0 | 61,640 | 61,640 | 27,479 | 617,385 | 56,853 | | 1,134,662 |
| Total quotas and allocations | 9,400,000 | 140,820 | 0 | 61,640 | 61,640 | 137,234 | 617,385 | 123,524 | | 9,842,243 3/ |
| Not authorized for purchase | | | | | | | 342,921 | -21,064 | | 321,857 |
| Not apportioned | | | | | | | | 235,900 | | 235,900 |
| Grand total | | | | | | | | | | 10,400,000 |
| <u>Details of other foreign countries</u> | | | | | | | | | | |
| Peru | 95,527 | 8,660 | | 17,320 | 17,320 | 135,000 | | | | 273,827 |
| Dominican Republic | 81,457 | 9,900 | | 19,800 | 19,800 | | | | | 130,957 |
| Mexico | 64,809 | 10,200 | | 20,400 | 20,400 | 250,540 | 34,088 | | | 400,437 |
| Nicaragua | 14,027 | 1,148 | | 2,296 | 2,295 | 22,000 | | | | 41,766 |
| Haiti | 7,014 | 419 | | 835 | 837 | 2,567 | 24,000 | | | 35,672 |
| Netherlands | 3,731 | 140 | | 278 | 278 | 6,129 | | | | 10,556 |
| China (Formosa) | 3,624 | 118 | | 238 | 238 | 6,258 | | | | 10,476 |
| Panama | 3,624 | 118 | | 238 | 238 | 6,258 | | | | 10,476 |
| Costa Rica | 3,616 | 117 | | 235 | 234 | 6,267 | | | | 10,469 |
| Canada | 631 | 0 | | 0 | 0 | 1,657 | | | | 2,288 |
| United Kingdom | 516 | 0 | | 0 | 0 | 1,355 | | | | 1,871 |
| Belgium | 182 | 0 | | 0 | 0 | 478 | | | | 660 |
| British Guiana | 84 | 0 | | 0 | 0 | | | | | 84 |
| Hong Kong | 3 | 0 | | 0 | 0 | | 8 | | | 11 |
| British West Indies and British Guiana | | | | | | 70,000 | 22,765 | | | 92,765 |
| El Salvador | | | | | | 6,000 | | | | 6,000 |
| Guatemala | | | | | | 6,000 | | | | 6,000 |
| Brazil | | | | | | 100,347 | | | | 100,347 |
| Total | 278,845 | 30,820 | 0 | 61,640 | 61,640 | 27,479 | 617,385 | 56,853 | | 1,134,662 |

1/ Despite declaration of deficits, the full quotas of 1,265,375, 1,323,111, and 18,043 short tons, raw value, for Hawaii, Puerto Rico, and the Virgin Islands, respectively, are available to these areas.

2/ Pursuant to Presidential Proclamation No. 3355, July 6, 1960.

3/ Total non-quota subject to apportionment 1,435,900 tons of which 878,143 tons authorized for purchase is included in 9,842,243 tons total, balance in two subsequent items.

Table 2.-Progression of Direct Consumption Limits within 1960 Sugar Quotas and Non-quota Purchase Quantities through announcement of August 2

| Area and Country | Initial | Quota Increases | | | | Non-Quota Purchase Allocations | | | Total |
|--------------------------------------|-----------------------------------|-----------------|----------------|-----------------|-----------------|-----------------------------------|----------------|-----------------|-----------------------|
| | Quotas : December 17 : 1959 | : : July 8 | : : July 15 | : : August 1 | : : August 2 | : : July 14 | : : July 21 | : : August 2 | as of : August 2 |
| Short tons, raw value | | | | | | | | | |
| Domestic beet | no limit | | | | | | | | no limit |
| Mainland cane | no limit | | | | | | | | no limit |
| Hawaii | 32,106 | 704 | 1,406 | 1,407 | | | | | 35,623 |
| Puerto Rico | 139,161 | 3,049 | 6,096 | 6,097 | | | | | 154,403 |
| Virgin Islands | 0 | 0 | 0 | 0 | | | | | 0 |
| Republic of the Philippines | 59,920 | 0 | 0 | 0 | | | | | 59,920 |
| Guba | 375,000 | 0 | 0 | 0 | | | | | 375,000 ^{1/} |
| Other foreign countries | 69,231 | 1,717 | 3,437 | 3,436 | 0 | 13,498 | 4,129 | | 95,448 |
| Total | 675,418 | 5,470 | 10,939 | 10,940 | 0 | 13,498 | 4,129 | | 660,495 |
| Detail of other foreign countries | | | | | | | | | |
| Peru | 10,094 | 268 | 534 | 535 | | | | | 11,431 |
| Dominican Republic | 9,000 | 238 | 477 | 476 | | | | | 10,191 |
| Mexico | 16,347 | 432 | 866 | 866 | | 2,000 | | | 20,511 |
| Nicaragua | 10,779 | 286 | 571 | 571 | | 2,000 | | | 14,207 |
| Haiti | 7,000 | 0 | 0 | 0 | | | | | 7,000 |
| Netherlands | 3,731 | 140 | 278 | 278 | | 2,000 | 4,129 | | 10,556 |
| China (Formosa) | 3,624 | 118 | 238 | 238 | | | | | 4,218 |
| Panama | 3,624 | 118 | 238 | 238 | | 2,000 | | | 6,218 |
| Costa Rica | 3,616 | 117 | 235 | 234 | | 2,000 | | | 6,202 |
| Canada | 631 | 0 | 0 | 0 | | 1,657 | | | 2,288 |
| United Kingdom | 516 | 0 | 0 | 0 | | 1,355 | | | 1,871 |
| Belgium | 182 | 0 | 0 | 0 | | 478 | | | 660 |
| British Guiana | 84 | 0 | 0 | 0 | | | | | 84 |
| Hong Kong | 3 | 0 | 0 | 0 | | 8 | | | 11 |
| Total | 69,231 | 1,717 | 3,437 | 3,436 | 0 | 13,498 | 4,129 | | 95,448 |

^{1/} Pursuant to Presidential Proclamation No. 3355, July 6, 1960.

OTHER ADMINISTRATIVE ACTIONS

| <u>Date announced</u> | <u>Nature of action</u> |
|-----------------------|--|
| August 1, 1960 | Restrictions on acreage for 1960 sugar beet crop eased to make acreages unused in some states available to cover overplantings in other states, including fall plantings in California. (See August 5 and August 23, 1960 Federal Registers). |
| August 9, 1960 | Puerto Rican 1960 processor allotments for direct-consumption revised on basis of total sugar requirements of 10,400,000 tons, and to reallocate deficits of three allottees to two others. (See August 12, 1960 Federal Register). |
| August 10, 1960 | Public hearing on prices for 1960 crop Florida sugarcane. The hearing will begin at 10 a.m. September 1, 1960 in the Sugarland Park Auditorium, Clewiston, Florida. (See August 12, 1960 Federal Register). |
| August 10, 1960 | Determination of rate of recoverability 1960 crop Beet Sugar Area. (See August 10, 1960 Federal Register). |
| August 15, 1960 | Determination of fair and reasonable rates for processing 1960 crop of Hawaiian sugarcane. The 1960 rates are the same as for the 1959 crop. Maximum rates a producer-processor may charge under a tolling agreement for processing sugarcane grown by others are specified. (See August 18, 1960 Federal Register). |
| August 18, 1960 | Announcement that processor allotments of the 1960 quotas for the Domestic Beet Sugar Area and the Mainland Cane Sugar Area will not be necessary. (See August 23, 1960 Federal Register). |

PRIMARY DISTRIBUTION OF SUGAR IN PACKAGES AND BULK
GRANULATED AND LIQUID, 1957-1959

Beginning January 1, 1957 the Department has received reports from primary distributors of their deliveries of bulk granulated sugar by regions. Comparable data for liquid sugar have been reported for a longer period together with a breakdown by type of buyer which is not available for bulk granulated deliveries. The quantities delivered in bulk, liquid and packaged form by regions and type of sugar are shown for each of the three years in Table 3 and by quarters during 1959 in Table 4. A variety of percentage distributions of the data are shown in Figure 1 and in Tables 5 and 6.

Deliveries of sugar in packages of less than 50 pounds are designated in this presentation as consumer size packages with all deliveries in packages of 50 pounds and over characterized as deliveries for industrial use. This method places in the latter category substantially more sugar than is accounted for as direct deliveries to industrial use.

Increases in deliveries of bulk granulated and liquid sugar between 1957 and 1959 exceeded the increase in total deliveries to industrial and institutional users and deliveries to them of packaged sugar decreased. Packaged deliveries to these users were smaller in all regions (as were total industrial and institutional deliveries in the Middle Atlantic and Southern States). For the United States the decrease was 9 percent. Packaged cane sugar deliveries were down 10 percent and those of beet sugar were 7 percent lower in 1959 than in 1957.

In terms of percentages of total deliveries to industrial and institutional users as shown in Figure 1, bulk sugar deliveries, granulated and liquid, have increased in all regions with a consequent decrease in deliveries of packaged sugar. This was true of both beet and cane sugar deliveries during this period. The South and North Central regions had the greatest increases in bulk granulated and liquid sugar deliveries during these years when expressed in percent of total industrial and institutional deliveries. Because of an earlier lag in this development, however, the industrial and institutional users still received in packages 78 percent of their total in the South and 67 percent in the North Central states. In the West, where bulk and liquid movement has developed most fully, package deliveries made up only 40.3 per-

cent of the industrial and institutional total in 1959

Deliveries of bulk granulated sugar in 1959 were 50 percent above those of 1957 for the United States as a whole. The percentage increase of bulk deliveries of beet sugar was slightly higher than of cane sugar deliveries. Bulk granulated deliveries of beet sugar increased sharply in 1958 over those of 1957 while cane sugar deliveries had a larger increase from 1958 to 1959. Regionally the highest percentage increase has been in the South but the North Central states had the largest increase in volume and the next highest percentage increase.

Liquid sugar deliveries increased at half the rate for bulk granulated, being 25 percent larger in 1959 than in 1957. The quantitative increases were about 5.0 million hundredweights for liquid sugar and 6.4 million for bulk. Liquid beet sugar deliveries were up 42 percent and those of cane sugar 21.5 percent greater in 1959 than those of 1957. The North Central region had the largest percentage increase (72 percent) as well as the greatest increase in volume. Liquid sugar deliveries to the South were next highest in percentage increase (57 percent) and in volume as well.

Liquid sugar accounted for nearly 10 percent of industrial and institutional deliveries as early as 1949. Through 1954 liquid deliveries grew rapidly, attaining about 17.4 percent of total industrial and institutional deliveries in that year. The Census of Manufactures for 1954, which provides the earliest data on bulk granulated deliveries, showed them equal to about 5.5 percent of the same total. The following three years show less than 2 percentage points increase in liquid deliveries while the bulk granulated movement was developing rapidly to account for 12 percent in 1957. Since then both methods of delivery have increased at substantial rates reflecting the addition of bulk handling and liquifying plants by refiners and beet processors and the adaptation of methods to meet the needs of a growing range of customers.

PERCENTAGE DISTRIBUTION OF BULK GRANULATED, LIQUID AND PACKAGED GRANULATED SUGAR DELIVERIES TO INDUSTRIAL AND INSTITUTIONAL USERS BY PRIMARY DISTRIBUTORS
1957, 1958, 1959

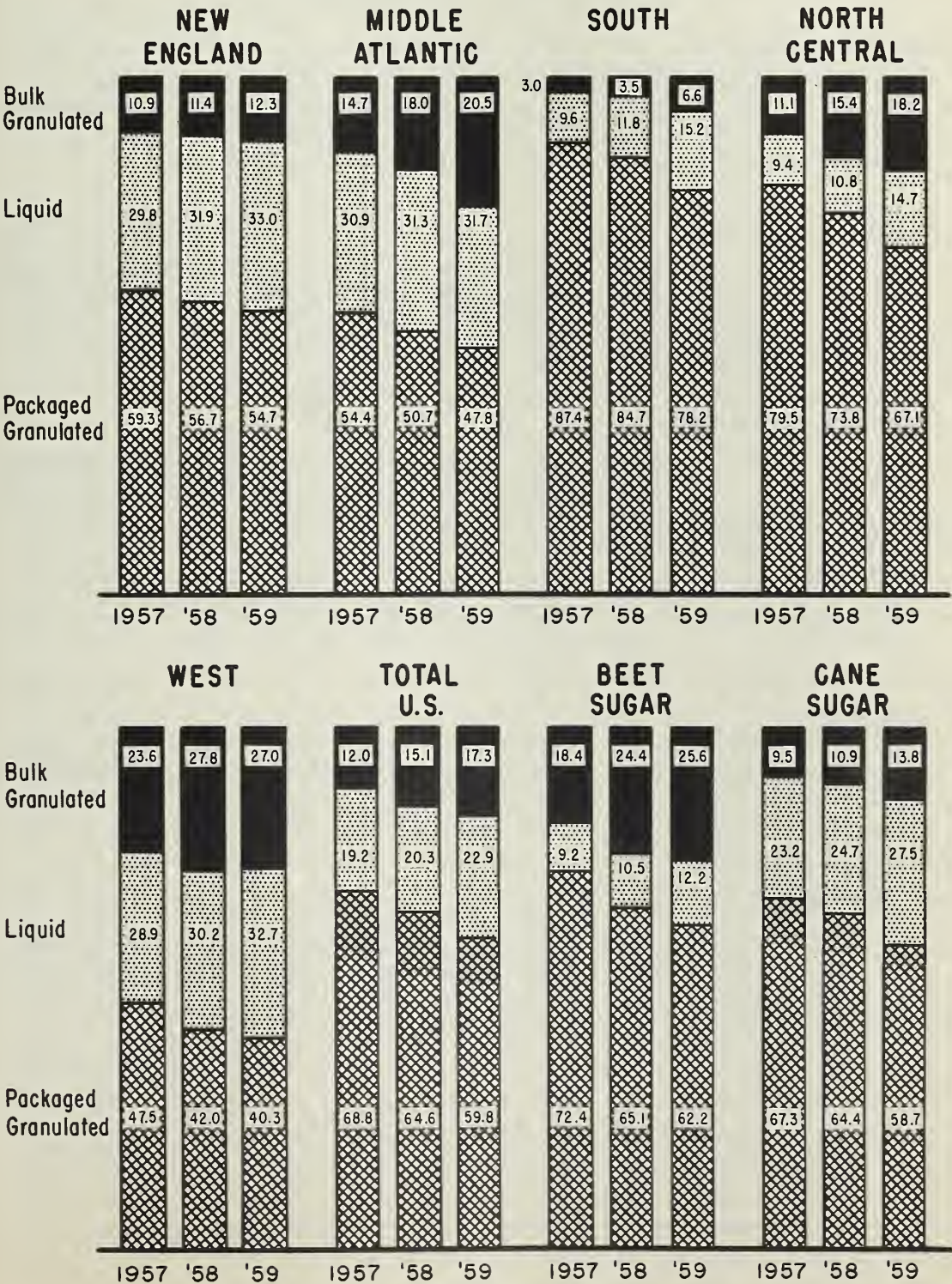


Figure 1

Table 3 .-Packaged, bulk and liquid sugar deliveries by primary distributors, calendar years 1957, 1958 and 1959 and percentage change 1957 to 1959

| | Region | | | | | | | |
|--|---------|----------|---------|---------|---------|---------|--------|---------------|
| | New | Middle | South | North | Central | West | U. S. | Type of sugar |
| | England | Atlantic | South | Central | West | Total | Beet | Cane |
| 1000 Hundredweights | | | | | | | | |
| 1. <u>Total direct deliveries</u> | | | | | | | | |
| 1957 | 8,109 | 37,526 | 42,527 | 46,889 | 23,954 | 159,005 | 38,511 | 120,494 |
| 1958 | 8,250 | 37,399 | 44,938 | 49,752 | 23,870 | 164,209 | 41,668 | 122,541 |
| 1959 | 8,472 | 37,454 | 44,828 | 50,624 | 25,338 | 166,716 | 41,783 | 124,933 |
| Percent change 1957 to 1959 | +4.5% | -0.2% | +5.4% | +8.0% | +5.8% | +4.8% | +8.5% | +3.7% |
| 2. <u>Consumer size packages</u> <u>(Granulated less than 50 lbs.)</u> | | | | | | | | |
| 1957 | 2,935 | 9,427 | 17,988 | 15,764 | 7,881 | 53,995 | 8,210 | 45,785 |
| 1958 | 3,031 | 9,833 | 20,572 | 16,836 | 7,691 | 57,963 | 8,831 | 49,132 |
| 1959 | 2,980 | 9,672 | 20,588 | 16,083 | 7,711 | 57,034 | 8,975 | 48,059 |
| Percent change 1957 to 1959 | +1.5% | +2.6% | +14.5% | +2.0% | -2.2% | +5.6% | +9.3% | +5.0% |
| 3. <u>Other deliveries</u> <u>(Industrial & institutional)</u> | | | | | | | | |
| 1957 | 5,174 | 28,099 | 24,539 | 31,125 | 16,073 | 105,010 | 30,301 | 74,709 |
| 1958 | 5,219 | 27,566 | 24,366 | 32,916 | 16,179 | 106,246 | 32,637 | 73,409 |
| 1959 | 5,492 | 27,782 | 24,240 | 34,541 | 17,627 | 109,682 | 32,808 | 76,874 |
| Percent change 1957 to 1959 | +6.1% | -1.1% | -1.2% | +11.0% | +9.7% | +4.4% | +8.3% | +2.9% |
| (a) <u>Bulk granulated</u> | | | | | | | | |
| 1957 | 563 | 4,121 | 727 | 3,446 | 3,786 | 12,643 | 5,563 | 7,080 |
| 1958 | 596 | 4,973 | 850 | 5,066 | 4,505 | 15,990 | 8,014 | 7,976 |
| 1959 | 673 | 5,692 | 1,601 | 6,293 | 4,757 | 19,016 | 8,408 | 10,608 |
| Percent change 1957 to 1959 | +19.5% | +38.1% | +120.2% | +82.6% | +25.6% | +50.4% | +51.1% | +49.8% |
| (b) <u>Liquid sugar</u> | | | | | | | | |
| 1957 | 1,540 | 8,682 | 2,351 | 2,941 | 4,644 | 20,158 | 2,794 | 17,364 |
| 1958 | 1,664 | 8,621 | 2,870 | 3,568 | 4,883 | 21,606 | 3,447 | 18,159 |
| 1959 | 1,814 | 8,809 | 3,681 | 5,065 | 5,762 | 25,131 | 3,985 | 21,146 |
| Percent change 1957 to 1959 | +17.8% | +1.5% | +56.6% | +72.2% | +24.1% | +24.7% | +42.3% | +21.5% |
| (c) <u>Industrial & institutional</u> <u>packages (granulated</u> <u>50 lbs. and over)</u> | | | | | | | | |
| 1957 | 3,071 | 15,296 | 21,461 | 24,738 | 7,643 | 72,209 | 21,944 | 50,265 |
| 1958 | 2,959 | 13,972 | 20,646 | 24,282 | 6,791 | 68,650 | 21,376 | 47,274 |
| 1959 | 3,005 | 13,281 | 18,958 | 23,183 | 7,108 | 65,535 | 20,415 | 45,120 |
| Percent change 1957 to 1959 | -2.1% | -13.2% | -11.7% | -6.3% | -7.0% | -9.2% | -7.0% | -10.2% |

Table 4.-Packaged, bulk and liquid sugar deliveries by primary distributors by quarters in 1959

| | Region | | | | | | Type of sugar | |
|--|----------|-----------|--------|----------|----------|---------|---------------|---------|
| | :New | :Middle | :South | :North | :Central | :West | : U. S. | : Total |
| | :England | :Atlantic | :South | :Central | :West | : Total | : Beet | : Cane |
| 1000 Hundredweights | | | | | | | | |
| 1. Total direct deliveries | | | | | | | | |
| First quarter | 1,955 | 8,475 | 9,179 | 9,251 | 4,126 | 32,986 | 6,767 | 26,219 |
| Second quarter | 2,157 | 9,874 | 12,603 | 13,789 | 6,236 | 44,659 | 10,553 | 34,106 |
| Third quarter | 2,435 | 10,814 | 13,879 | 14,667 | 9,162 | 50,957 | 12,598 | 38,359 |
| Fourth quarter | 1,925 | 8,291 | 9,167 | 12,917 | 5,814 | 38,114 | 11,865 | 26,249 |
| Total | 8,472 | 37,454 | 44,828 | 50,624 | 25,338 | 166,716 | 41,783 | 124,933 |
| 2. Consumer size packages (Granulated, less than 50 lbs.) | | | | | | | | |
| First quarter | 720 | 2,149 | 4,094 | 2,913 | 1,614 | 11,490 | 1,599 | 9,891 |
| Second quarter | 724 | 2,444 | 5,745 | 4,445 | 2,072 | 15,430 | 2,421 | 13,009 |
| Third quarter | 817 | 2,869 | 6,737 | 5,040 | 2,567 | 18,030 | 2,960 | 15,070 |
| Fourth quarter | 719 | 2,210 | 4,012 | 3,685 | 1,458 | 12,084 | 1,995 | 10,089 |
| Total | 2,980 | 9,672 | 20,588 | 16,083 | 7,711 | 57,034 | 8,975 | 48,059 |
| 3. Other deliveries (Industrial & institutional) | | | | | | | | |
| First quarter | 1,235 | 6,326 | 5,085 | 6,338 | 2,512 | 21,496 | 5,168 | 16,328 |
| Second quarter | 1,433 | 7,430 | 6,858 | 9,344 | 4,164 | 29,229 | 8,132 | 21,097 |
| Third quarter | 1,618 | 7,945 | 7,142 | 9,627 | 6,595 | 32,927 | 9,638 | 23,289 |
| Fourth quarter | 1,206 | 6,081 | 5,155 | 9,232 | 4,356 | 26,030 | 9,870 | 16,160 |
| Total | 5,492 | 27,782 | 24,240 | 34,541 | 17,627 | 109,682 | 32,808 | 76,874 |
| (a) Bulk granulated | | | | | | | | |
| First quarter | 171 | 1,379 | 187 | 1,319 | 809 | 3,865 | 1,497 | 2,368 |
| Second quarter | 155 | 1,463 | 346 | 1,505 | 1,388 | 4,857 | 2,207 | 2,650 |
| Third quarter | 165 | 1,390 | 629 | 1,662 | 1,299 | 5,145 | 2,193 | 2,952 |
| Fourth quarter | 182 | 1,460 | 439 | 1,807 | 1,261 | 5,149 | 2,511 | 2,638 |
| Total | 673 | 5,692 | 1,601 | 6,293 | 4,757 | 19,016 | 8,408 | 10,608 |
| (b) Liquid sugar | | | | | | | | |
| First quarter | 377 | 1,907 | 733 | 968 | 674 | 4,659 | 486 | 4,173 |
| Second quarter | 507 | 2,325 | 951 | 1,341 | 1,021 | 6,145 | 739 | 5,406 |
| Third quarter | 554 | 2,463 | 1,135 | 1,630 | 3,183 | 8,965 | 2,058 | 6,907 |
| Fourth quarter | 376 | 2,114 | 862 | 1,126 | 884 | 5,362 | 702 | 4,660 |
| Total | 1,814 | 8,809 | 3,681 | 5,065 | 5,762 | 25,131 | 3,985 | 21,146 |
| (c) Industrial & institutional Packages (granulated 50 lbs. and over) | | | | | | | | |
| First quarter | 687 | 3,040 | 4,165 | 4,051 | 1,029 | 12,972 | 3,185 | 9,787 |
| Second quarter | 771 | 3,642 | 5,561 | 6,498 | 1,755 | 18,227 | 5,186 | 13,041 |
| Third quarter | 899 | 4,092 | 5,378 | 6,335 | 2,113 | 18,817 | 5,387 | 13,430 |
| Fourth quarter | 648 | 2,507 | 3,854 | 6,299 | 2,211 | 15,519 | 6,657 | 8,862 |
| Total | 3,005 | 13,281 | 18,958 | 23,183 | 7,108 | 65,535 | 20,415 | 45,120 |

Table 5.-Percentage distribution by quarter of packaged, bulk and liquid sugar delivered by primary distributors in 1959

[illegible]

Table 6.-Percentage distribution within each quarter of packaged, bulk and liquid sugar deliveries by primary distributors in 1959

| | Region | | | | | | U. S. Total | Type of sugar | |
|--|----------------|--------------------|-------|------------------|------|------|----------------|---------------|--|
| | New England | Middle Atlantic | South | North Central | West | Beet | | Cane | |
| | Percent | | | | | | | | |
| <u>First quarter 1959</u> | | | | | | | | | |
| A. Percentage of total deliveries | | | | | | | | | |
| Consumer size packages 1/ | 36.8 | 25.4 | 44.6 | 31.5 | 39.1 | 34.8 | 23.6 | 37.7 | |
| Industrial & institutional | 63.2 | 74.6 | 55.4 | 68.5 | 60.9 | 65.2 | 76.4 | 62.3 | |
| B. Percent of industrial & institutional | | | | | | | | | |
| Bulk (granulated) | 13.9 | 21.8 | 3.7 | 20.8 | 32.2 | 18.0 | 29.0 | 14.5 | |
| Liquid | 30.5 | 30.1 | 14.4 | 15.3 | 26.8 | 21.7 | 9.4 | 25.6 | |
| Packaged 2/ | 55.6 | 48.1 | 81.9 | 63.9 | 41.0 | 60.3 | 61.6 | 59.9 | |
| <u>Second quarter 1959</u> | | | | | | | | | |
| A. Percent of total deliveries | | | | | | | | | |
| Consumer size packages 1/ | 33.6 | 24.8 | 45.6 | 32.2 | 33.2 | 34.6 | 22.9 | 38.1 | |
| Industrial & institutional | 66.4 | 75.2 | 54.4 | 67.8 | 66.8 | 65.4 | 77.1 | 61.9 | |
| B. Percent of industrial & institutional | | | | | | | | | |
| Bulk (granulated) | 10.8 | 19.7 | 5.0 | 16.1 | 33.3 | 16.6 | 27.1 | 12.6 | |
| Liquid | 35.4 | 31.3 | 13.9 | 14.4 | 24.5 | 21.0 | 9.1 | 25.6 | |
| Packaged 2/ | 53.8 | 49.0 | 81.1 | 69.5 | 42.2 | 62.4 | 63.8 | 61.8 | |
| <u>Third quarter 1959</u> | | | | | | | | | |
| A. Percent of total deliveries | | | | | | | | | |
| Consumer size packages 1/ | 33.6 | 26.5 | 48.5 | 34.4 | 28.0 | 35.4 | 23.5 | 39.3 | |
| Industrial & institutional | 66.4 | 73.5 | 51.5 | 65.6 | 72.0 | 64.6 | 76.5 | 60.7 | |
| B. Percent of industrial & institutional | | | | | | | | | |
| Bulk (granulated) | 10.2 | 17.5 | 8.8 | 17.3 | 19.7 | 15.6 | 22.8 | 12.7 | |
| Liquid | 34.2 | 31.0 | 15.9 | 16.9 | 48.3 | 27.2 | 21.3 | 29.6 | |
| Packaged 2/ | 55.6 | 51.5 | 75.3 | 65.8 | 32.0 | 57.2 | 55.9 | 57.7 | |
| <u>Fourth quarter 1959</u> | | | | | | | | | |
| A. Percent of total deliveries | | | | | | | | | |
| Consumer size packages 1/ | 37.4 | 26.7 | 43.8 | 28.5 | 25.1 | 31.7 | 16.8 | 38.4 | |
| Industrial & institutional | 62.6 | 73.3 | 56.2 | 71.5 | 74.9 | 68.3 | 83.2 | 61.6 | |
| B. Percent of industrial & institutional | | | | | | | | | |
| Bulk (granulated) | 15.1 | 24.0 | 8.5 | 19.6 | 28.9 | 19.8 | 25.4 | 16.3 | |
| Liquid | 31.2 | 34.8 | 16.7 | 12.2 | 20.3 | 20.6 | 7.1 | 28.8 | |
| Packaged 2/ | 53.7 | 41.2 | 74.8 | 68.2 | 50.8 | 59.6 | 67.5 | 54.9 | |
| <u>Calendar year 1959</u> | | | | | | | | | |
| A. Percent of total deliveries | | | | | | | | | |
| Consumer size packages 1/ | 35.2 | 25.8 | 45.9 | 31.8 | 30.4 | 34.2 | 21.5 | 38.5 | |
| Industrial & institutional | 64.8 | 74.2 | 54.1 | 68.2 | 69.6 | 65.8 | 78.5 | 61.5 | |
| B. Percent of industrial & institutional | | | | | | | | | |
| Bulk (granulated) | 12.3 | 20.5 | 6.6 | 18.2 | 27.0 | 17.3 | 25.6 | 13.8 | |
| Liquid | 33.0 | 31.7 | 15.2 | 14.7 | 32.7 | 22.9 | 12.2 | 27.5 | |
| Packaged 2/ | 54.7 | 47.8 | 78.2 | 67.1 | 40.3 | 59.8 | 62.2 | 58.7 | |

1/ Granulated less than 50 pounds.

2/ Granulated 50 pounds and over.

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. July 1960 sugar deliveries for continental U. S. consumption, 1,052,000 short tons, raw value (preliminary), up 165,000 from July 1959, and up 83,000 tons from June 1960. Deliveries January-July 1960, 5,431,000 short tons, raw value (preliminary), up 257,000 tons, or 5.0 percent from same 1959 period. Final data for June 1960 deliveries, 969,000 tons -- same as the previously published preliminary data.
2. Primary distributors' stocks July 29, 1960 were 1,395,000 short tons, raw value (preliminary), up 113,000 tons from a year earlier, and down 321,000 tons from end June 1960. During July stocks of each type of primary distributor decreased -- refiners by 54,000 tons (but were still 102,000 tons larger than a year ago), beet processors by 254,000 tons, importers of direct-consumption sugar by 9,000 tons, and mainland sugarcane processors by about 4,000 tons.
3. Charges to quotas through August 12, 1960 were 6,384,000 short tons, raw value. In addition 878,000 tons of non-quota purchase sugar had been authorized for purchase of which about 84,000 tons had been authorized for entry.
4. Regionally, January-June 1960 sugar deliveries were 1.7 to 5.7 percent larger than during the same 1959 period except to the Western states they were 4.5 smaller. Second quarter 1960 deliveries to the New England region were 5.0 percent larger than during second quarter 1959, and to the Middle Atlantic region 1.6 percent larger; to the Southern region sugar deliveries were about the same as during the same 1959 period and to the North Central and Western regions they were approximately 2.5 percent smaller.

Table 7.- Sugar supply and disposition by primary distributors, January-June 1960.

(Short tons, raw value)

| Item | Beet | Importers | Main-land cane | Refiners | | Net total |
|---|---------------------------|-----------|---------------------------|-------------------------|-----------------------|-----------------------|
| | proc-essors ^{1/} | | proc-essors ^{2/} | Raw | Refined | |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| SUPPLY | | | | | | |
| 1. Inventory Jan. 1, 1960 | 1,223,359 | 39,349 | 19,026 | 406,522 | 317,036 | 2,005,292 |
| 2. Production and movement | | | | | | |
| a. Received as direct-consumption sugar | 0 | 402,284 | 0 | 0 | 5,937 | 408,221 |
| b. Produced from beets or cane | 451,456 | 0 | 117,016 | 0 | 0) | 480,830 ^{3/} |
| Less deliveries to refiners | 0 | 0 | 87,642 | 0 | 0) | |
| c. Receipts of raws by refiners | 0 | 0 | 0 | 3,273,489 ^{4/} | 0) | 88,612 ^{5/} |
| Less raws melted | 0 | 0 | 0 | 3,184,877 | | |
| d. Refined from raws melted | 0 | 0 | 0 | 0 | 3,151,495 | 3,151,495 |
| e. Adjustments | -107 | - 2,977 | - 136 | + 209 | - 2,885 | - 5,896 |
| f. Sub-total | 451,349 | 399,307 | 29,238 | 88,821 | 3,154,547 | 4,123,262 |
| g. Net total supply | 1,674,708 | 438,656 | 48,264 | 495,343 | 3,471,583 | 6,128,554 |
| DISPOSITION | | | | | | |
| 3. Distribution for | | | | | | |
| a. Quota purposes | 927,141 | 302,853 | 16,220 | 1,420 | 3,131,609 | 4,379,243 |
| b. Export | 0 | 6,665 | 0 | 0 | 14,305 | 20,970 |
| c. Livestock feed | 323 | 11,529 | 0 | 0 | 587 | 12,539 |
| d. Sub-total | 927,464 | 321,147 | 16,220 | 1,420 | 3,146,501 | 4,412,752 |
| 4. Inventory June 30, 1960 | 747,244 | 117,509 | 32,044 | 493,923 ^{6/} | 325,082 ^{6/} | 1,715,802 |
| Total distribution and inventory | 1,674,708 | 438,656 | 48,264 | 495,343 | 3,471,583 | 6,128,554 |

^{1/} Direct-consumption sugar only.^{2/} Processor-refiners are included with refiners.^{3/} Production less deliveries of raw sugar to refiners.^{4/} Includes 87,642 tons delivered from mainland cane processors.^{5/} Receipts plus production of raw sugar by refiners less melt.^{6/} Includes mainland cane sugar not yet charged to quota: Raws, 11,791; Refined, 7,488; Total, 19,279.

Table 8.-Distribution of sugar by primary distributors for direct consumption January-June 1960 and 1959

| Item | 1960 | 1959 | Change 1959 to 1960 |
|--------------------------------|-----------|-----------|------------------------|
| (Short tons, raw value) | | | |
| Continental United States | | | |
| Refiners' raw | 1,420 | 1,322 | + 98 |
| Refiners' refined | 3,146,501 | 3,026,446 | + 120,055 |
| Beet processors' refined | 927,464 | 927,361 | + 103 |
| Importers' direct consumption | 321,147 | 362,396 | - 41,249 |
| Mainland sugarcane processors' | 16,220 | 10,336 | + 5,884 |
| Total | 4,412,752 | 4,327,861 | + 84,891 |
| For: Export | 20,970 | 18,854 | + 2,116 |
| Livestock feed | 12,539 | 21,964 | - 9,425 |
| Continental consumption 1/ | 4,379,243 | 4,287,043 | + 92,200 |
| Puerto Rico | 51,192 | 53,828 | - 2,636 |
| Hawaii | 20,807 | 18,546 | + 2,261 |

1/ Includes deliveries for United States Military forces at home and abroad.

Table 9.-Stocks of sugar held by primary distributors in the continental United States, June 30, 1960 and 1959

| Item | 1960 | 1959 | Change 1959 to 1960 |
|----------------------------------|-----------|-----------|------------------------|
| (Short tons, raw value) | | | |
| Refiners: Raw 1/ | 493,923 | 360,861 | + 133,062 |
| Refined 1/ | 325,082 | 336,254 | - 11,172 |
| Sub-total | 819,005 | 697,115 | + 121,890 |
| Beet processors, refined | 747,244 | 655,210 | + 92,034 |
| Importers, direct-consumption | 117,509 | 108,692 | + 8,617 |
| Mainland sugarcane processors 2/ | 32,044 | 7,851 | + 24,193 |
| Total | 1,715,802 | 1,469,068 | + 246,734 |

1/ Includes mainland cane sugar not yet charged to quota: 1960 - Raws, 11,791; Refined, 7,488; Total, 19,279; 1959 - Raws, 17,498, 8,246; Total, 25,744.

2/ Establishments that acquire no raw sugar from others for refining. Processor-refiner stocks are included in refiners' stocks.

Table 10.-Distribution of sugar by primary distributors for direct consumption, July and January-July 1960 and 1959

| Item | 1960 1/ | 1959 |
|-------------------------------|-----------|---------|
| | July | July |
| (Short tons, raw value) | | |
| Refiners | 701,048 | 600,521 |
| Beet processors | 291,779 | 217,985 |
| Importers | 57,191 | 76,661 |
| Mainland sugarcane processors | 2,000 2/ | 2,707 |
| Total | 1,052,018 | 897,874 |
| For: Export | N.A. | 6,464 |
| Livestock feed | 12,539 | 4,638 |
| Continental consumption 3/ | 1,052,018 | 886,772 |

1/ Preliminary. 2/ Estimated. 3/ Includes deliveries for U. S. military forces at home and abroad.

Table 11.-Stocks of sugar held by primary distributors in continental United States, July 29, 1960 and July 31, 1959

| Item | 1960 1/ | 1959 | Change 1959 to 1960 |
|-------------------------------|-----------|-----------|------------------------|
| (Short tons, raw value) | | | |
| Refiners' Raw | 519,520 | 324,409 | + 195,111 |
| Refined | 245,544 | 338,445 | - 92,901 |
| Sub-total | 765,064 | 662,854 | + 102,210 |
| Beet processors' refined | 493,269 | 465,028 | + 28,241 |
| Importers' direct-consumption | 108,670 | 149,221 | - 40,551 |
| Mainland sugarcane processors | 28,000 2/ | 5,129 | + 22,871 |
| Total | 1,395,003 | 1,282,232 | + 112,771 |

1/ Preliminary.

2/ Estimated.

Table 12.-Mainland sugar: Production and quota charges January-June 1960 and 1959

| Item | 1960 | 1959 | Change 1959 to 1960 |
|--------------------------------|-----------|-----------|------------------------|
| (Short tons, raw value) | | | |
| <u>Production</u> | | | |
| Mainland cane | 116,700 | 90,514 | + 26,186 |
| Domestic beet | 451,349 | 349,456 | + 101,893 |
| Total | 568,049 | 439,970 | + 128,079 |
| <u>Quota charges</u> | | | |
| Mainland cane: | | | |
| Louisiana sugarcane processors | | | |
| For further processing | 207 | 310 | - 103 |
| For direct-consumption | 10,525 | 7,753 | + 2,772 |
| Louisiana processor-refiners | 31,049 | 25,162 | + 5,887 |
| Florida sugarcane processors | 82,942 | 73,203 | + 9,739 |
| Sub-total | 124,723 | 106,428 | + 18,295 |
| Beet processors | 927,141 | 926,115 | + 1,026 |
| Total | 1,051,864 | 1,032,543 | + 19,321 |

Table 13.-Sugar receipts of refiners and importers by source of supply 1/ January-June 1960 and 1959

| Source of supply | Raw sugar | Direct-consumption sugar | | |
|--|-----------|-----------------------------|----------|----------|
| | 1960 | 1959 | 1960 | 1959 |
| (Short tons, raw value) | | | | |
| <u>Offshore</u> | | | | |
| <u>Foreign</u> | | | | |
| Cuba | 1,746,932 | 1,619,454 | 279,390 | 300,998 |
| Philippines | 562,656 | 506,933 | 18,652 | 11,142 |
| Other countries | 113,623 | 131,805 | 33,740 | 53,799 |
| Sub-total | 2,443,211 | 2,258,192 | 331,782 | 365,939 |
| <u>Domestic</u> | | | | |
| Hawaii | 359,261 | 457,128 | 5,937 2/ | 9,578 2/ |
| Puerto Rico | 381,701 | 346,225 | 70,502 | 74,041 |
| Virgin Islands | 0 | 0 | 0 | 0 |
| Sub-total | 740,962 | 803,353 | 76,439 | 83,619 |
| Total offshore | 3,184,173 | 3,061,545 | 408,221 | 449,558 |
| Mainland cane area | 87,642 | 88,846 | 0 | 0 |
| Acquired for reprocessing and samples | 1,674 | 1,827 | 0 | 0 |
| Grand total | 3,273,489 | 3,152,218 | 408,221 | 449,558 |

1/ Includes quota exempt sugar as follows:

| Purpose | Importers | | Refiners | | Total | |
|-----------|-------------------------|--------|----------|--------|--------|--------|
| | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 |
| | (Short tons, raw value) | | | | | |
| Feed | 14,356 | 19,356 | 1,238 | 800 | 15,594 | 20,156 |
| Re-export | 6,670 | 12,636 | 16,079 | 27,058 | 22,749 | 39,694 |
| Total | 21,026 | 31,992 | 17,317 | 27,858 | 38,343 | 59,850 |

2/ Refined sugar received by refiners.

Table 14.-Status of 1960 Sugar Quotas as of August 12, 1960

| Table 14.—Status of 1960 Sugar Quotas as of August 11, 1960 | | | | | | |
|---|----------------|--------------------------|-----------------------------|---------------|------------------|---------------|
| | | : Credit | : Charge to quota & off- 1/ | : | Unfilled balance | |
| | | : for | : set to drawback of duty | : | | |
| | | : drawback | : | : Direct | : | : Direct |
| | | : of | : | : consump- | : | : consump- |
| Area | Quota | : duty | : Total | : tion 2/ | : Total | : tion |
| Short tons, raw value | | | | | | |
| Domestic beet | 2,514,945 | | 1,304,000 | | 1,210,945 | |
| Mainland cane | 773,873 | | 150,000 | | 623,873 | |
| Hawaii 3/ | 940,444 | | 586,946 | 5,948 | 353,498 | 29,675 |
| Puerto Rico 3/ | 893,620 | | 684,064 | 95,801 | 209,556 | 58,602 |
| Virgin Islands 3/ | 8,618 | | 0 | 0 | 8,618 | 0 |
| Republic of the Philippines | 980,000 | 0 | 980,000 | 51,353 | 0 | 0 |
| Cuba | 2,419,655 4/ | 2,404 | 2,402,302 5/ | 314,709 | 0 | 0 |
| Other foreign countries | <u>432,945</u> | <u>1,493</u> | <u>276,278</u> | <u>38,659</u> | <u>158,160</u> | <u>32,999</u> |
| Total Quotas | 8,964,100 | 3,897 | 6,383,590 | 506,470 | 2,564,650 | 121,276 |
| Subject to Section 408 (b) of Act | | | | | | |
| | 1,435,900 | (For status see Table .) | | | | |
| Total Requirements | 10,400,000 | | | | | |

Details of other foreign country quotas

| | | | | | | |
|--------------------|---------|-------|------------|--------|---------|----------|
| Peru | 138,827 | 1,166 | 36,409 | 4,417 | 103,584 | 7,014 |
| Dominican Republic | 130,957 | 307 | 105,755 | 3,264 | 25,509 | 6,927 6/ |
| Mexico | 115,809 | 15 | 98,100 | 6,451 | 17,724 | 12,060 |
| Nicaragua | 19,766 | 5 | 12,283 | 9,064 | 7,488 | 3,143 |
| Haiti | 9,105 | 0 | 8,268 | 0 | 837 | 837 |
| Netherlands | 4,427 | 0 | 4,427 | 4,427 | 0 | 0 6/ |
| China | 4,218 | 0 | 1,910 | 1,910 | 2,308 | 2,308 |
| Panama | 4,218 | 0 | 3,980 | 3,980 | 238 | 238 |
| Costa Rica | 4,202 | 0 | 3,732 | 3,732 | 470 | 470 |
| Canada | 631 | 0 | 631 | 631 | 0 | 0 6/ |
| United Kingdom | 516 | 0 | 516 | 516 | 0 | 0 6/ |
| Belgium | 182 | 0 | 181 | 181 | 1 | 1 |
| British Guiana | 84 | 0 | 83 | 83 | 1 | 1 |
| Hong Kong | 3 | 0 | 3 | 3 | 0 | 0 6/ |
| Total | 432,945 | 1,493 | 276,278 7/ | 38,659 | 158,160 | 32,999 |

LIQUID SUGAR 8/

Wine gallons of 72 percent total sugar content

| | | | |
|---------------------|-----------|-----------|---------|
| Cuba | 7,157,660 | 7,157,660 | 0 |
| Dominican Republic | 830,894 | 13,228 | 817,666 |
| British West Indies | 300,000 | 0 | 300,000 |

1/ These data include the following: (a) Domestic beet and mainland cane sugar partly estimated; (b) all other sugar entered or authorized as of August 12, 1960, for entry.

2/ Includes raw sugar for direct-consumption from Cuba 16,826; Philippines 13,776; Total 30,602.

3/ Despite deficits declared, full quotas remain available as follows: Hawaii, 1,265,375; Puerto Rico, 1,323,111; Virgin Islands, 18,043.

4/ Including 39,752 tons for balance of 1960 after July 6 as established by Presidential Proclamation No. 3355.

5/ Difference from quota results from outturns to date smaller than quantities authorized prior to July 3.

6/ Sugar held in Customs custody pending availability of quota: Canada, 641; Hong Kong, 61; Dominican Republic, 6,157; United Kingdom, 533; Netherlands, 3,392.

7/ Under Section 212 (1) charges to quotas exclude the first 10 tons entered from Brazil, Ireland, West Germany and from each country listed.

8/ Under Section 212 (3) 1,444 gallons were entered from France and 11,404 from the United Kingdom, and 180 from Australia.

Table 15.-Quota-exempt sugar entered under Sections 212 (4) and 211 (a) as of August 12, 1960.

| Source | For | | Total |
|--------------------|-----------------------|----------|--------|
| | Feed | Reexport | |
| | Short tons, raw value | | |
| Cuba | 14,200 | 10,713 | 24,913 |
| Dominican Republic | 4,443 | 18,272 | 22,715 |
| Mexico | 1,625 | 5,813 | 7,438 |
| Peru | 571 | 4,899 | 5,470 |
| Total | 20,839 | 39,697 | 60,536 |

Table 16.-Status of Non-Quota Purchase Sugar as of August 12, 1960

| Area | : | : | Authorized for Entry For | | : | Total |
|--|-----------|-----------------------|--------------------------|------------|-------------|----------|
| | : | Authorized | : | Further | Direct- | Unfilled |
| | : | for | : | Processing | Consumption | Balance |
| | : | Purchased | : | : | : | |
| <hr/> | | | | | | |
| | | Short tons, raw value | | | | |
| Mexico | 284,628 | 22,375 | 1,514 | | 260,739 | |
| Philippines | 176,426 | 30,574 | - | | 145,852 | |
| Peru | 135,000 | 6,509 | - | | 128,491 | |
| Brazil | 100,347 | - | - | | 100,347 | |
| British W. Indies and British Guiana | 92,765 | 7,123 | - | | 85,642 | |
| Haiti | 26,567 | 6,101 | - | | 20,466 | |
| Nicaragua | 22,000 | - | - | | 22,000 | |
| Costa Rica | 6,267 | - | - | | 6,267 | |
| China (Formosa) | 6,258 | - | - | | 6,258 | |
| Panama | 6,258 | - | 642 | | 5,616 | |
| Netherlands | 6,129 | - | 6,129 | | 0 | |
| El Salvador | 6,000 | - | - | | 6,000 | |
| Guatemala | 6,000 | - | - | | 6,000 | |
| Canada | 1,657 | - | 1,657 | | 0 | |
| United Kingdom | 1,355 | - | 1,355 | | 0 | |
| Belgium | 478 | - | 478 | | 0 | |
| Hong Kong | 8 | - | 8 | | 0 | |
| | <hr/> | <hr/> | <hr/> | | <hr/> | |
| Total | 878,143 | 72,682 | 11,783 | | 793,678 | |
| | <hr/> | <hr/> | <hr/> | | <hr/> | |
| Not authorized for purchase | 557,757 | | | | | |
| | <hr/> | | | | | |
| Total subject to Section 408 (b) of Act | 1,435,900 | | | | | |

1/ Of the quantities shown, 26,985 tons for further processing and 7,004 for direct-consumption were authorized on or before July 31, 1960.

Table 17.-Charges to quotas and direct-consumption limits, including offsets to drawback of duty, January-July, 1960 and 1959 1/.

| Area | Total | | Direct-consumption | |
|---|-----------------------|-----------|--------------------|---------|
| | 1960 | 1959 | 1960 | 1959 |
| | Short tons, raw value | | | |
| Domestic beet | 1,219,000 | 1,144,100 | | |
| Mainland cane | 142,000 | 122,054 | | |
| Hawaii | 517,102 | 606,211 | 5,938 | 15,596 |
| Puerto Rico | 597,813 | 510,786 | 89,503 | 89,699 |
| Virgin Islands | 0 | 0 | 0 | 0 |
| Philippines | 980,000 2/ | 659,583 | 44,602 | 31,309 |
| Cuba | 2,409,889 | 2,388,902 | 314,721 | 375,440 |
| Other foreign countries | 212,947 | 165,060 | 36,586 | 48,282 |
| Total | 6,078,751 | 5,596,693 | 491,350 | 560,326 |
| <u>Details of other foreign countries</u> | | | | |
| Peru | 30,847 | 30,513 | 4,417 | 3,413 |
| Dominican Republic | 80,507 | 54,143 | 2,167 | 5,661 |
| Mexico | 66,506 | 50,342 | 6,402 | 11,564 |
| Nicaragua | 12,283 | 12,889 | 9,064 | 10,471 |
| Haiti | 8,268 | 3,515 | 0 | 3,515 |
| Netherlands | 4,149 | 3,584 | 4,149 | 3,584 |
| China | 1,616 | 1,668 | 1,616 | 1,668 |
| Panama | 3,741 | 3,500 | 3,741 | 3,500 |
| Costa Rica | 3,616 | 3,492 | 3,616 | 3,492 |
| Canada | 631 | 631 | 631 | 631 |
| United Kingdom | 516 | 516 | 516 | 516 |
| Belgium | 181 | 180 | 181 | 180 |
| British Guiana | 83 | 84 | 83 | 84 |
| Hong Kong | 3 | 3 | 3 | 3 |
| Total | 212,947 | 165,060 | 36,586 | 48,282 |

| LIQUID SUGAR | | | |
|--|--|------|--|
| 1960 | | 1959 | |
| Wine gallons of 72 percent total sugar content | | | |

| | | |
|---------------------|-----------|-----------|
| Cuba | 7,197,464 | 7,391,446 |
| Dominican Republic | 13,228 | 22,889 |
| British West Indies | 0 | 0 |

1/ These data include the following: (a) 1960 data for Domestic beet and Mainland cane sugar partly estimated; and (b) all sugar from "other foreign countries" and direct-consumption sugar from all areas except Cuba entered or authorized for entry as of the month ends; and (c) for 1959, raw sugar from all other areas and direct-consumption sugar from Cuba entered through July as shown by quota clearance papers received in the Sugar Division through mid-August, and for 1960, sugar authorized for entry as of the end of July. In 1960 prior authorization on all sugar entries from these areas was required beginning May 1. Such authorization was not required until a later date in 1959.

2/ In addition, 684 tons were entered under bond for refining to be charged to 1961 quota.

Table 18.-Quota-exempt sugar entered or authorized for entry under Secs. 212 (4) and 211 (a), January-July 1960 and 1959.

| Source | For | | Total | |
|--------------------|--------|----------|--------|--------|
| | Feed | Reexport | 1960 | 1959 |
| | 1960 | 1959 | 1960 | 1959 |
| Brazil | 0 | 800 | 0 | 11,656 |
| Costa Rica | 0 | 0 | 0 | 0 |
| Cuba | 13,245 | 15,630 | 10,713 | 18,025 |
| Dominican Republic | 4,118 | 6,201 | 15,118 | 6,861 |
| Mexico | 1,244 | 2,403 | 1,652 | 2,891 |
| Nicaragua | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 706 |
| Peru | 571 | 0 | 4,906 | 4,417 |
| Total | 19,178 | 25,034 | 32,389 | 43,756 |

Table 19 - Deliveries of sugar by primary distributors, by states, June 1960

| State and region | Cane sugar refiners | Beet sugar processors | Importers of direct- consumption sugar | Mainland cane sugar mills | Total |
|------------------------------|------------------------|--------------------------|---|---------------------------------|-------------------|
| Hundredweights ^{1/} | | | | | |
| New England | | | | | |
| Connecticut | 151,646 | | 7,740 | | 159,386 |
| Maine | 87,750 | | 480 | | 88,230 |
| Massachusetts | 534,587 | | 11,167 | | 545,754 |
| New Hampshire | 47,188 | | | | 47,188 |
| Rhode Island | 62,961 | | 3,500 | | 66,461 |
| Vermont | 23,412 | | 5,000 | | 28,412 |
| Sub-total | 907,544 | | 27,887 | | 935,431 |
| Mid-Atlantic | | | | | |
| New Jersey | 789,162 | | 61,319 | | 850,481 |
| New York | 1,523,646 | 1 | 153,410 | | 1,677,057 |
| Pennsylvania | 1,160,475 | 8,600 | 192,449 | | 1,361,524 |
| Sub-total | 3,473,283 | 8,601 | 407,178 | | 3,889,062 |
| North Central | | | | | |
| Illinois | 754,822 | 711,384 | 1,000 | 20,619 | 1,487,825 |
| Indiana | 351,077 | 154,396 | 1,344 | | 506,817 |
| Iowa | 76,803 | 182,608 | 325 | | 259,736 |
| Kansas | 57,427 | 113,471 | | | 170,898 |
| Michigan | 390,864 | 289,612 | 32,614 | | 713,090 |
| Minnesota | 47,513 | 217,293 | | | 264,806 |
| Missouri | 337,625 | 143,245 | | | 480,870 |
| Nebraska | 24,672 | 144,006 | | | 168,678 |
| North Dakota | 293 | 36,606 | | | 36,899 |
| Ohio | 862,045 | 100,905 | 14,941 | 1,000 | 978,891 |
| South Dakota | 3,144 | 60,746 | | | 63,890 |
| Wisconsin | 152,506 | 220,624 | 988 | | 374,118 |
| Sub-total | 3,058,791 | 2,374,896 | 51,212 | 21,619 | 5,506,518 |
| Southern | | | | | |
| Alabama | 344,364 | | | 2,060 | 346,424 |
| Arkansas | 148,812 | | | | 148,812 |
| Delaware | 27,892 | | 2,980 | | 30,872 |
| District of Columbia | 47,798 | | 5,831 | | 53,629 |
| Florida | 147,662 | | 224,226 | 11,754 | 383,642 |
| Georgia | 489,797 | | 70,219 | 2,625 | 562,641 |
| Kentucky | 288,715 | 2,437 | 22,744 | 40 | 313,936 |
| Louisiana | 398,154 | | 16,794 | 1,804 | 416,752 |
| Maryland | 439,030 | | 37,740 | | 476,770 |
| Mississippi | 223,341 | | | 1,780 | 225,121 |
| North Carolina | 333,665 | | 147,942 | | 481,607 |
| Oklahoma | 144,944 | 27,901 | 400 | | 173,245 |
| South Carolina | 179,580 | | 7,570 | | 187,150 |
| Tennessee | 386,225 | | 5,649 | 6,620 | 387,196 |
| Texas | 716,492 | 102,425 | 13,835 | 1,770 | 834,522 |
| Virginia | 252,564 | | 80,537 | | 333,101 |
| West Virginia | 127,366 | | 7,436 | | 134,802 |
| Sub-total | 4,696,401 | 132,763 | 632,605 | 28,453 | 5,490,222 |
| Western | | | | | |
| Alaska | 2,580 | 1,429 | | | 4,009 |
| Arizona | 32,020 | 23,321 | | | 55,341 |
| California | 581,098 | 870,471 | 26,299 | | 1,477,868 |
| Colorado | 10,039 | 95,151 | | | 105,190 |
| Idaho | 5,197 | 34,124 | | | 39,321 |
| Montana | 2,007 | 46,599 | | | 48,606 |
| Nevada | 6,599 | 3,705 | | | 10,304 |
| New Mexico | 12,133 | 20,689 | | | 32,822 |
| Oregon | 63,457 | 197,905 | 16,000 | | 277,362 |
| Utah | 5,979 | 59,830 | | | 65,809 |
| Washington | 79,786 | 155,814 | 12,500 | | 248,100 |
| Wyoming | 643 | 10,657 | | | 11,300 |
| Sub-total | 801,538 | 1,519,695 | 54,799 | | 2,376,032 |
| Grand total | 12,937,557 | 4,035,955 | 1,173,681 | 50,072 | 18,197,265 |

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 20.-Deliveries of sugar by primary distributors, by states, Second quarter, 1960

| State and region | Cane sugar refiners | Beet sugar processors | Importers of direct- consumption sugar | Mainland cane sugar mills | Total |
|------------------------------|------------------------|--------------------------|---|---------------------------------|------------|
| Hundredweights ^{1/} | | | | | |
| New England | | | | | |
| Connecticut | 349,182 | | 19,840 | 300 | 369,322 |
| Maine | 192,909 | | 2,760 | | 195,669 |
| Massachusetts | 1,327,513 | | 31,410 | 350 | 1,359,273 |
| New Hampshire | 106,601 | | | | 106,601 |
| Rhode Island | 145,606 | | 8,900 | | 154,506 |
| Vermont | 53,251 | | 26,001 | | 79,252 |
| Sub-total | 2,175,062 | | 88,911 | 650 | 2,264,623 |
| Mid-Atlantic | | | | | |
| New Jersey | 2,030,189 | | 186,444 | 1,000 | 2,217,633 |
| New York | 4,015,215 | 28,935 | 405,218 | | 4,449,368 |
| Pennsylvania | 2,770,305 | 56,150 | 588,692 | | 3,415,147 |
| Sub-total | 8,815,709 | 85,085 | 1,180,354 | 1,000 | 10,082,148 |
| North Central | | | | | |
| Illinois | 2,040,852 | 2,357,210 | 4,552 | 67,318 | 4,469,932 |
| Indiana | 845,391 | 356,843 | 4,973 | 5 | 1,207,212 |
| Iowa | 167,053 | 412,307 | 1,315 | | 580,675 |
| Kansas | 133,536 | 269,647 | | | 403,183 |
| Michigan | 858,341 | 750,116 | 76,208 | 1,000 | 1,685,665 |
| Minnesota | 107,273 | 496,969 | | | 604,242 |
| Missouri | 850,158 | 397,323 | | | 1,247,481 |
| Nebraska | 57,095 | 346,598 | | 2 | 403,695 |
| North Dakota | 2,414 | 81,051 | | | 83,465 |
| Ohio | 2,037,150 | 263,284 | 33,347 | 3,900 | 2,337,681 |
| South Dakota | 7,896 | 133,798 | | | 141,694 |
| Wisconsin | 358,332 | 526,992 | 2,003 | | 887,327 |
| Sub-total | 7,465,491 | 6,392,138 | 122,398 | 72,225 | 14,052,252 |
| Southern | | | | | |
| Alabama | 841,415 | | | 3,410 | 844,825 |
| Arkansas | 354,393 | 12,000 | | | 366,393 |
| Delaware | 64,682 | | 7,020 | | 71,702 |
| District of Columbia | 128,824 | | 18,744 | | 147,568 |
| Florida | 371,930 | | 630,128 | 36,425 | 1,038,483 |
| Georgia | 1,313,683 | | 178,958 | 9,425 | 1,502,066 |
| Kentucky | 670,733 | 2,437 | 30,738 | 840 | 704,748 |
| Louisiana | 979,001 | | 17,714 | 4,082 | 1,000,797 |
| Maryland | 1,035,456 | 1 | 102,102 | | 1,137,559 |
| Mississippi | 548,676 | | | 4,040 | 552,716 |
| North Carolina | 804,305 | | 296,444 | | 1,100,749 |
| Oklahoma | 354,337 | 77,892 | 1,200 | | 433,429 |
| South Carolina | 384,477 | | 25,910 | | 410,387 |
| Tennessee | 990,491 | | 10,349 | 21,977 | 1,022,817 |
| Texas | 1,859,341 | 335,806 | 30,815 | 2,239 | 2,228,201 |
| Virginia | 563,703 | | 241,682 | 2 | 805,387 |
| West Virginia | 259,030 | | 16,050 | | 275,080 |
| Sub-total | 11,524,477 | 428,136 | 1,607,854 | 82,440 | 13,642,907 |
| Western | | | | | |
| Alaska | 5,584 | 5,144 | | | 10,728 |
| Arizona | 91,438 | 55,610 | | | 147,048 |
| California | 1,620,033 | 2,247,498 | 90,874 | 600 | 3,959,005 |
| Colorado | 26,593 | 293,684 | | 5 | 320,282 |
| Idaho | 11,656 | 77,893 | | | 89,549 |
| Montana | 5,147 | 96,012 | | | 101,159 |
| Nevada | 17,897 | 10,404 | | | 28,301 |
| New Mexico | 36,429 | 53,274 | | | 89,703 |
| Oregon | 158,012 | 309,564 | 28,500 | | 496,076 |
| Utah | 15,129 | 149,323 | | | 164,452 |
| Washington | 195,218 | 352,293 | 36,859 | | 584,370 |
| Wyoming | 1,834 | 27,795 | | | 29,629 |
| Sub-total | 2,184,970 | 3,678,494 | 156,233 | 605 | 6,020,302 |
| Grand total | 32,165,709 | 10,583,853 | 3,155,750 | 156,920 | 46,062,232 |

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 21-Deliveries of sugar by primary distributors, by states, January-June 1960

| State and region | Cane sugar refiners | Beet sugar processors | Importers of direct- consumption sugar | Mainland cane sugar mills | Total |
|------------------------------|------------------------|--------------------------|---|---------------------------------|-------------------|
| Hundredweights ^{1/} | | | | | |
| New England | | | | | |
| Connecticut | 658,775 | | 31,940 | 1,140 | 691,855 |
| Maine | 344,497 | | 4,610 | | 349,107 |
| Massachusetts | 2,586,019 | | 56,929 | 1,050 | 2,643,998 |
| New Hampshire | 183,866 | | | | 183,866 |
| Rhode Island | 264,725 | | 14,700 | | 279,425 |
| Vermont | 104,804 | | 50,001 | | 154,805 |
| Sub-total | 4,142,686 | | 156,180 | 2,190 | 4,303,056 |
| Mid-Atlantic | | | | | |
| New Jersey | 3,746,089 | | 320,635 | 2,001 | 4,068,725 |
| New York | 7,715,212 | 115,481 | 732,356 | | 8,564,049 |
| Pennsylvania | 4,990,994 | 104,961 | 1,087,220 | 28 | 6,183,203 |
| Sub-total | 16,453,295 | 220,442 | 2,140,211 | 2,029 | 18,815,977 |
| North Central | | | | | |
| Illinois | 3,745,343 | 3,861,092 | 28,152 | 120,503 | 7,755,090 |
| Indiana | 1,545,739 | 503,331 | 8,638 | 23 | 2,057,731 |
| Iowa | 299,441 | 712,050 | 6,038 | | 1,017,529 |
| Kansas | 244,838 | 451,338 | | 3 | 696,179 |
| Michigan | 1,552,886 | 1,212,093 | 91,154 | 1,000 | 2,857,133 |
| Minnesota | 201,290 | 889,850 | 1,311 | | 1,092,451 |
| Missouri | 1,437,162 | 648,669 | | | 2,085,831 |
| Nebraska | 113,681 | 591,911 | | 11 | 705,603 |
| North Dakota | 4,369 | 143,771 | | | 148,140 |
| Ohio | 3,656,480 | 561,916 | 43,742 | 5,806 | 4,267,944 |
| South Dakota | 14,497 | 220,856 | | | 235,353 |
| Wisconsin | 626,244 | 884,560 | 2,403 | | 1,513,207 |
| Sub-total | 13,441,970 | 10,681,437 | 181,438 | 127,346 | 24,432,191 |
| Southern | | | | | |
| Alabama | 1,530,328 | | | 4,410 | 1,534,738 |
| Arkansas | 579,569 | 30,337 | | | 609,906 |
| Delaware | 116,566 | | 7,300 | 1 | 123,967 |
| District of Columbia | 240,799 | | 31,775 | | 272,574 |
| Florida | 759,612 | 1 | 1,228,203 | 78,906 | 2,066,722 |
| Georgia | 2,523,797 | | 294,056 | 17,543 | 2,835,396 |
| Kentucky | 1,179,539 | 7,532 | 55,252 | 840 | 1,243,163 |
| Louisiana | 1,762,395 | | 17,819 | 19,168 | 1,799,382 |
| Maryland | 1,790,243 | 1 | 174,079 | | 1,964,323 |
| Mississippi | 973,527 | | | 8,975 | 982,502 |
| North Carolina | 1,546,534 | | 501,425 | | 2,048,059 |
| Oklahoma | 611,061 | 133,025 | 1,200 | | 745,286 |
| South Carolina | 807,666 | | 52,485 | | 860,151 |
| Tennessee | 1,757,917 | | 14,188 | 38,912 | 1,811,017 |
| Texas | 3,348,828 | 630,587 | 48,534 | 3,520 | 4,031,469 |
| Virginia | 999,762 | | 467,190 | 7 | 1,466,959 |
| West Virginia | 426,136 | 1,600 | 21,604 | | 449,340 |
| Sub-total | 20,954,479 | 803,083 | 2,915,110 | 172,282 | 24,844,954 |
| Western | | | | | |
| Alaska | 12,696 | 8,969 | | | 21,665 |
| Arizona | 173,133 | 96,967 | | | 270,100 |
| California | 2,934,334 | 3,288,581 | 144,718 | 1,200 | 6,368,833 |
| Colorado | 42,139 | 487,301 | | 684 | 530,124 |
| Idaho | 20,479 | 128,627 | | | 149,106 |
| Montana | 10,220 | 159,261 | | 3 | 169,484 |
| Nevada | 33,584 | 18,501 | | | 52,085 |
| New Mexico | 67,214 | 94,824 | | | 162,038 |
| Oregon | 282,151 | 427,701 | 54,171 | | 764,023 |
| Utah | 27,484 | 260,568 | | | 288,052 |
| Washington | 337,651 | 606,568 | 71,420 | | 1,015,639 |
| Wyoming | 3,610 | 46,734 | | | 50,344 |
| Sub-total | 3,944,695 | 5,624,602 | 270,309 | 1,887 | 9,841,493 |
| Grand total | 58,937,125 | 17,329,564 | 5,665,248 | 305,734 | 82,237,671 |

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 22.- Deliveries of sugar by primary distributors, by states, January-June 1959

| State and region | Cane sugar refiners | | Beet processors | | Total all Primary Distributors 1/ | |
|--------------------------------|------------------------|--------|--------------------|--------|--------------------------------------|--------|
| | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 |
| Thousands of hundredweights 2/ | | | | | | |
| New England | | | | | | |
| Connecticut | 659 | 609 | | | 692 | 646 |
| Maine | 344 | 315 | | | 349 | 323 |
| Massachusetts | 2,586 | 2,490 | | * | 2,644 | 2,560 |
| New Hampshire | 184 | 172 | | | 184 | 172 |
| Rhode Island | 265 | 249 | | | 279 | 262 |
| Vermont | 105 | 98 | | | 155 | 150 |
| Sub-total | 4,143 | 3,933 | | * | 4,303 | 4,113 |
| Mid-Atlantic | | | | | | |
| New Jersey | 3,746 | 3,638 | | | 4,069 | 4,032 |
| New York | 7,716 | 7,505 | 115 | 23 | 8,564 | 8,291 |
| Pennsylvania | 4,991 | 4,493 | 105 | 35 | 6,183 | 6,060 |
| Sub-total | 16,453 | 15,636 | 220 | 58 | 18,816 | 18,383 |
| North Central | | | | | | |
| Illinois | 3,745 | 3,791 | 3,861 | 3,688 | 7,755 | 7,545 |
| Indiana | 1,546 | 1,415 | 503 | 420 | 2,058 | 1,838 |
| Iowa | 300 | 273 | 712 | 698 | 1,018 | 980 |
| Kansas | 245 | 364 | 451 | 404 | 696 | 768 |
| Michigan | 1,553 | 1,432 | 1,212 | 1,380 | 2,857 | 2,931 |
| Minnesota | 201 | 246 | 890 | 944 | 1,092 | 1,189 |
| Missouri | 1,437 | 1,400 | 649 | 528 | 2,086 | 1,957 |
| Nebraska | 114 | 152 | 592 | 548 | 706 | 713 |
| North Dakota | 4 | 3 | 144 | 172 | 148 | 179 |
| Ohio | 3,657 | 3,606 | 562 | 527 | 4,268 | 4,199 |
| South Dakota | 14 | 13 | 221 | 177 | 235 | 190 |
| Wisconsin | 625 | 620 | 885 | 881 | 1,513 | 1,524 |
| Sub-total | 13,442 | 13,315 | 10,582 | 10,367 | 24,432 | 24,013 |
| Southern | | | | | | |
| Alabama | 1,530 | 1,423 | | | 1,535 | 1,431 |
| Arkansas | 580 | 506 | 30 | 33 | 610 | 539 |
| Delaware | 117 | 94 | | | 124 | 102 |
| District of Columbia | 241 | 244 | | | 273 | 286 |
| Florida | 759 | 729 | * | | 2,067 | 1,935 |
| Georgia | 2,524 | 2,375 | | | 2,835 | 2,713 |
| Kentucky | 1,179 | 1,034 | 8 | 1 | 1,243 | 1,068 |
| Louisiana | 1,762 | 1,696 | | | 1,799 | 1,718 |
| Maryland | 1,790 | 1,631 | * | | 1,964 | 1,889 |
| Mississippi | 973 | 1,010 | | | 983 | 1,014 |
| North Carolina | 1,547 | 1,518 | | | 2,048 | 1,903 |
| Oklahoma | 611 | 575 | 133 | 127 | 745 | 702 |
| South Carolina | 808 | 834 | | | 860 | 894 |
| Tennessee | 1,758 | 1,566 | | | 1,811 | 1,596 |
| Texas | 3,349 | 3,237 | 631 | 587 | 4,032 | 3,888 |
| Virginia | 1,000 | 955 | | 8 | 1,467 | 1,384 |
| West Virginia | 426 | 424 | 1 | 1 | 449 | 448 |
| Sub-total | 20,954 | 19,851 | 803 | 757 | 24,845 | 23,510 |
| Western | | | | | | |
| Alaska | 13 | 20 | 9 | 16 | 22 | 36 |
| Arizona | 173 | 174 | 97 | 107 | 270 | 281 |
| California | 2,935 | 2,986 | 3,289 | 3,680 | 6,369 | 6,776 |
| Colorado | 42 | 36 | 487 | 487 | 530 | 523 |
| Idaho | 20 | 21 | 129 | 123 | 149 | 144 |
| Montana | 10 | 10 | 159 | 147 | 169 | 157 |
| Nevada | 34 | 33 | 18 | 20 | 52 | 53 |
| New Mexico | 67 | 61 | 95 | 109 | 162 | 170 |
| Oregon | 282 | 287 | 428 | 480 | 764 | 815 |
| Utah | 27 | 30 | 261 | 268 | 288 | 298 |
| Washington | 338 | 286 | 606 | 669 | 1,016 | 998 |
| Wyoming | 4 | 4 | 47 | 49 | 51 | 53 |
| Sub-total | 3,945 | 3,948 | 5,625 | 6,155 | 9,842 | 10,304 |
| Grand total | 58,937 | 56,683 | 17,330 | 17,337 | 82,238 | 80,323 |

1/ Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.

2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

* Less than 500 hundredweights.

Table 23.-Sugar prices

| | | Raw Cane | | | | | | | |
|----------------------|-----------------------|--------------------------------------|-----------|-------------|-------------|---------|---------|--------------|----------|
| Year and Month | For New York Delivery | | | | | | | U.S. and | |
| | Spot price 1/ | Freight and | | "World" | | | | "World" | |
| | Month | #6 | insurance | F.A.S. Cuba | F.A.S. Cuba | | | Differential | |
| Cents per pound | | | | | | | | | |
| 1955-59 monthly av. | 5.66 | 0.43 | 5.23 | 3.67 | +1.56 | | | | |
| 1958 monthly av. | 5.77 | 0.36 | 5.41 | 3.50 | +1.91 | | | | |
| 1959 monthly av. | 5.74 | 0.39 | 5.35 | 2.97 | +2.38 | | | | |
| 1959 | | | | | | | | | |
| August | 5.87 | 0.36 | 5.51 | 2.78 | +2.73 | | | | |
| September | 6.01 | 0.36 | 5.65 | 3.09 | +2.56 | | | | |
| October | 6.05 | 0.37 | 5.68 | 3.10 | +2.58 | | | | |
| November | 5.94 | 0.41 | 5.53 | 2.96 | +2.57 | | | | |
| December | 5.67 | 0.44 | 5.23 | 3.00 | +2.23 | | | | |
| 1960 | | | | | | | | | |
| January | 5.39 | 0.44 | 4.95 | 2.97 | +1.98 | | | | |
| February | 5.50 | 0.44 | 5.06 | 3.02 | +2.04 | | | | |
| March | 5.61 | 0.47 | 5.14 | 3.05 | +2.09 | | | | |
| April | 5.67 | 0.47 | 5.20 | 3.04 | +2.16 | | | | |
| May | 5.59 | 0.45 | 5.14 | 3.05 | +2.09 | | | | |
| June | 5.75 | 0.44 | 5.31 | 2.97 | +2.34 | | | | |
| July | 5.98 | 0.44 | 5.54 | 3.26 | +2.28 | | | | |
| Last 12-month av. | 5.75 | 0.42 | 5.33 | 3.02 | +2.31 | | | | |
| | | | | | | | | | |
| | | Refined, quoted wholesale (gross) 2/ | | | | | | Refined | |
| | | Cane | | | Beet | | | retail | |
| | | | | Chi- | Pacific | | Chi- | Pacific | |
| | | | | West | Coast | Eastern | West | Coast | |
| | | N.Y. | S.E. | Gulf | West | Coast | Eastern | West | |
| | | | | | | | | | |
| Cents per pound | | | | | | | | | |
| 1955-59 monthly av. | 9.02 | 8.89 | 8.88 | 8.73 | 8.94 | 8.57 | 8.53 | 8.87 | 10.94 |
| 1958 monthly av. | 9.27 | 9.13 | 9.08 | 8.89 | 9.21 | 8.61 | 8.68 | 9.13 | 11.26 |
| 1959 monthly av. | 9.33 | 9.19 | 9.28 | 8.88 | 9.10 | 8.71 | 8.67 | 9.10 | 11.43 |
| 1959 | | | | | | | | | |
| August | 9.35 | 9.20 | 9.30 | 8.96 | 9.10 | 8.80 | 8.76 | 9.10 | 11.46 |
| September | 9.35 | 9.20 | 9.30 | 9.00 | 9.10 | 8.80 | 8.80 | 9.10 | 11.50 |
| October | 9.55 | 9.40 | 9.50 | 9.00 | 9.10 | 8.80 | 8.80 | 9.10 | 11.54 |
| November | 9.55 | 9.40 | 9.50 | 9.00 | 9.10 | 8.80 | 8.80 | 9.10 | 11.54 |
| December | 9.48 | 9.33 | 9.43 | 8.88 | 9.07 | 8.68 | 8.68 | 9.07 | 11.58 |
| 1960 | | | | | | | | | |
| January | 9.35 | 9.20 | 9.30 | 8.80 | 8.90 | 8.60 | 8.60 | 8.90 | 11.56 |
| February | 9.35 | 9.20 | 9.30 | 8.80 | 8.90 | 8.60 | 8.60 | 8.90 | 11.46 |
| March | 9.23 | 9.25 | 9.30 | 8.80 | 8.90 | 8.60 | 8.60 | 8.90 | 11.50 |
| April | 9.20 | 9.30 | 9.30 | 8.80 | 8.90 | 8.60 | 8.60 | 8.90 | 11.48 |
| May | 9.20 | 9.30 | 9.30 | 8.80 | 8.90 | 8.60 | 8.60 | 8.90 | 11.46 |
| June | 9.20 | 9.30 | 9.30 | 8.80 | 8.90 | 8.60 | 8.60 | 8.90 | 11.44 |
| July | 9.47 | 9.42 | 9.40 | 9.11 | 8.94 | 8.98 | 8.91 | 8.94 | |
| Last 12-month av. | 9.36 | 9.29 | 9.35 | 8.90 | 8.98 | 8.70 | 8.70 | 8.98 | 11.50 3/ |

1/ Sugar in bags, cost insurance and freight paid to New York. For a duty-paid price add 0.50 cent.

2/ These are basis prices in 100 pound paper bags, NOT delivered prices. To obtain delivered prices add "freight prepay" and deduct discounts and allowances, if any. (For illustration see Sugar Reports 81, January 1959, pages 5 to 9). 3/ 11-month average.

Table 24.-Refined sugar production and month-end stocks

| Year and month | Production | | Month-end stocks 1/ | |
|----------------------|-----------------------------|------------|---------------------|------------|
| | Cane sugar | Beet | Cane sugar | Beet |
| | refiners | processors | refiners | processors |
| | 1,000 short tons, raw value | | | |
| 1955-59 monthly av. | 517 | 171 | 281 | 827 |
| 1958 monthly av. | 517 | 187 | 267 | 835 |
| 1959 monthly av. | 529 | 186 | 317 | 823 |
| 1959 | | | | |
| August | 608 | 79 | 322 | 317 |
| September | 638 | 133 | 251 | 221 |
| October | 496 | 532 | 303 | 589 |
| November | 443 | 597 | 322 | 1,031 |
| December | 473 | 515 | 317 | 1,223 |
| 1960 | | | | |
| January | 439 | 237 | 330 | 1,378 |
| February | 463 | 51 | 336 | 1,317 |
| March | 573 | 24 | 363 | 1,174 |
| April | 495 | 47 | 370 | 1,064 |
| May | 542 | 47 | 373 | 918 |
| June | 639 | 45 | 325 | 747 |
| July | 625 | 30 | 246 | 485 |
| Last 12-month av. | 536 | 195 | 322 | 872 |

1/ Includes over-quota and quota exempt sugar. 2/ Preliminary

UNITED STATES DEPARTMENT OF AGRICULTURE
Commodity Stabilization Service
Sugar Division
Washington 25, D. C.

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF AGRICULTURE

FIRST CLASS